

Questions for Upper Animas data

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To:

Delving into the data for the Upper Animas project I have determined that:

The sediment data was done by CLP and validated normally (i.e. a hard copy validation report and standard Form Is-----all good for references for the HRS package---no problems.

The **surface water** samples were done by ESAT (EPA Region 8 lab). Some analytes within an individual sample were done by Method 200.7 (Atomic Adsorption) and other analytes within the sample were done by Method 200.8 (Mass Spec).. The atomic adsorption analytes were not diluted, however many of the mass spec analyses were diluted 5X..

Question 1. Does this use of two methods and resulting two different dilutions on the same sample require any special handling and reporting to be included in the HRS document record?

The surface water data was validated electronically. All I have is a database with qualifiers. There does not appear to be a written validation report. The database does not distinguish between laboratory qualifiers and validator's qualifiers. The qualifiers are just in the database.

Question 2. Will this level of detail be sufficient for the HRS document record?

Also, I've noticed that Megan did not include a copy of her logbooks with the draft ARR. We will want that later.

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